INTERNATIONAL SEARCH REPORT

International application No PCT/KR2005/002989

A.	CLA	ASSIFIC	ATION OF	SUBJECT	MATTER
IPC7	7 /	447L	15/46		

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed b) classification symbols) IPC 7 A47L 15/00, A47L 15/46, B08B 3/02, D06F 33/02, G05D 23/19

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched KR, IPC as above

Electionic data base consulted during the intertnational search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
Y	KR 1998-35 119 A (T()NGYANG MAGIC C().LTT)) 5 August 1998 See the whole document	1-20
Y	KR 1995-9390 A (DAEWOO ELECTRONIC CO)2 l April 1995 See the whole document	1-20
Y	KR 1996-16834 A (LG ELECTRONICS CO, LTD) 17 .Tunc 1996 See the whole document	1-20
Y	US 6615850 A (RICHARD EDWARD HOMUNG) 9 Setember2003 See the whole document	1-20
Y	US 6694990 A (ANDREW JOSEPH SPANYER et al) 24 February See the whole document	1-20
Y	TP 14-336179 A (HOSHIZAKI ELECTRIC CO, LTD) 26 November 2002 See the whole document	1-20
Y	TP 15-284669 A (TOTO LTD) 7 October 2003 See the whole document	1-20

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*	Special categories of cited documents.	"T"	later	document	published	after	the internationa	l filing	date	or
'A"	document defining the general state of the art which is not considered		date	and not in	conflict	with	the application	bvit cite	d to ı	JE

to be of particular rele\ance
"E" earlier application or patent but published on or after the international

Further documents are listed m the continuation of Box C

- tiling date

 "L" document which may throw doubts on priority claim(s) or which is
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- O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed
- "T" later document published after the international filing date or priority date and not in conflict with the application bvit cited to understand the principle or theon underhing the imention
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See patent family annex

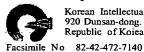
Date of the actual completion of the international search

13 DECEMBER 2005 (13 12 2005)

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14 DECEMBER 2005 (14.12.2005)

Name and mailing address of the ISA/KR



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